

ABSTRACT OF THE INVENTION

An internal combustion, reciprocating piston, motor has a rotating cylinder block. A journal bearing supports a roller that is fastened to a piston connecting rod or fastened to the piston so the roller pushes against an inclined surface on a stationary guide track fastened to a motor housing in order to cause the cylinder block and pistons to rotate. A lubricant is fed from a passageway on the rotational axis of the drive shaft radially outward, through passageways that align, and though a skirt on the piston, in order to lubricate the journal bearing. The rotating piston chambers are sealed against a stationary cylinder head by annular rings at the end of each chamber, and by curved linear seals extending between adjacent annular rings.